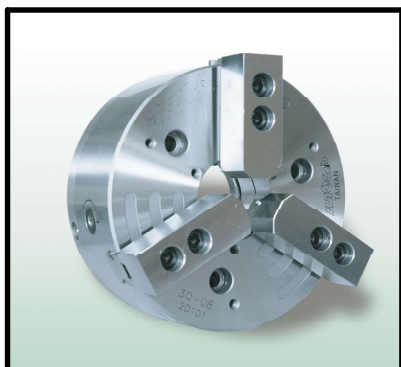
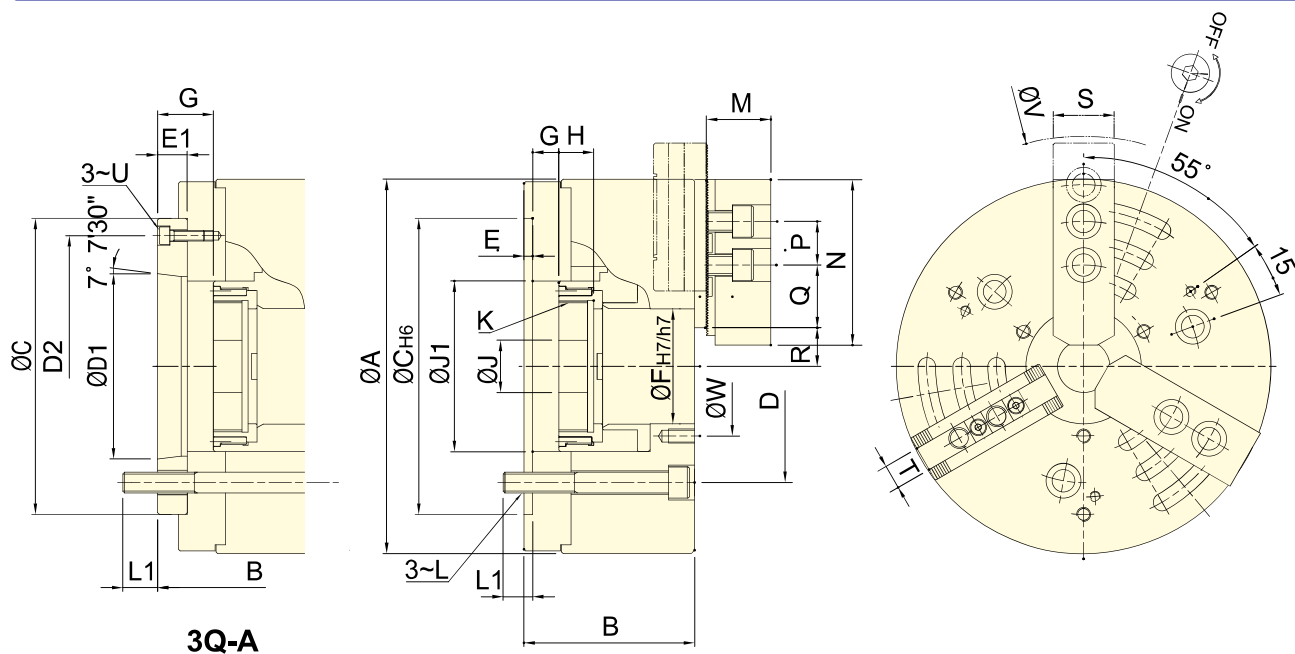


QUICK JAW-CHANGE CHUCK



- The shortest changes time for soft jaw, it is the high repeatability precision.
- Chuck of all parts hardened, ground and lubricated directly.
- Construction of high rigidity and high clamping accuracy.
- For safety system that master jaw will complete return when base jaw and serration match up properly.



Subject to technical changes.

The dimensions and the specifications of **3Q-A** type are in the **red data**.

Spec.	Plunger stroke	Jaw stroke(Dia.)	Chucking Range. mm		Max. D.B. pull	Max. clamping force	Max. speed	I	Weight	Matching cyl.	Max. pressure
Model	mm	mm	Max.	Min.	kN(kgf)	kN(kgf)	min ⁻¹ (r.p.m)	kg·m ²	kg		Mpa (kgf/cm ²)
* 3Q-08 A6	16	7.5	210	23	45.0(4590)	100.0(10200)	5000	0.15	24.5 26.0	TK-1068	3.1(31)
* 3Q-10 A8	19	8.8	254	41	60.0(6118)	135.0(13765)	4500	0.41	44.0 46.0	TK-1287	2.8(28)
* 3Q-12 A8	23	10.6	315	47	81.0(8259)	180.0(18354)	3500	0.96	73.0 75.0	TK-1511	2.4(25)

Size Model	A	B		C	D	D1	D2	E	E1	F	G _{max.}		G _{min.}		H	J	J1
* 3Q-08 A6	215	98	110	170	133.4	106.38	150	5	17	66	14.5	32	-1.5	15.5	20	30	98
* 3Q-10 A8	254	119	132	220	171.4	139.72	190		18	81	8.5	26.5	-10.5	7.5	39	45	115
* 3Q-12A8	315	133	145					6					106	-14.5	3.5	42	50

Size Model	K _{max.}	L	L1		M	N	P	Q	R _{max.}	R _{min.}	S	T	U	V	W
* 3Q-08 A6	M75x2	M12	17	20	37	95	25	36	20.8~44.8	17.1~41.1	35	14	M6	264	80
* 3Q-10 A8	M90x2	M16	23	25	42	110	30	40.5	21.1~52.8	16.7~48.2	40	16	M8	312	100
* 3Q-12 A8	M115x2		22	24	50	111		57	34.1~70.1	28.8~64.8	50	21		360	130

* model produced only by order.